

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph on page 9, line 3, to line 14, as follows:

Also, in the fifth and sixth optical switches of the present invention, there are provided an input side switching element having a plurality of optical input ports and an output side switching element having a plurality of optical output ports, optical elements being arranged between them ~~these~~. These optical elements cause the optical signals from the optical input ports to be input as incoming beams and cause the emitted beams corresponding to these incoming beams to be emitted such that the central optical paths of the ray bundles are mutually parallel. These emitted beams are then output again as optical signals to the optical fibers arranged corresponding to the respective optical output ports.

Please amend the paragraph on page 9, line 18, to line 20, as follows:

Also, the output side switching element and input side switching element are arranged symmetrically to the front and rear on either side of these optical elements.

Please amend the paragraph on page 11, line 11, to line 18, as follows:

The moveable mirrors arranged in the input side lens system are arranged at the focal point positions of the second convex lenses. Also, the input side switching element and output side switching element are arranged in symmetrical positions to the front and to the rear taking the optical elements as the axis of symmetry, such that all of the optical flux of the moveable mirrors arranged in the input side lens system can reach the output side switching element.

Please amend the paragraph on page 12, line 23, to line 27, as follows:

Also, in the sixth and seventh optical switches, the drive is straightforward since the relationship of the angle of inclination of the moveable mirrors provided in the input side lens system with the output ports can be made a one-to-one correspondence.

Please amend the paragraph on page 18, line 20, to line 21, as follows:

Figure 12 is a view illustrating the construction of a detail of an optical switch according to the a second embodiment;

Please amend the paragraph on page 19, line 5, to line 7, as follows:

Figure 18 is a view illustrating the construction of a detail of a modified example of an optical switch according to the a third embodiment;

Please amend the paragraph on page 19, line 16, to line 17, as follows:

Figure 23 is a view illustrating a first modified example of an optical switch according to the a fifth embodiment;

Please amend the paragraph on page 19, line 18, to line 19, as follows:

Figure 24 is a view illustrating a second modified example of an optical switch according to the a fifth embodiment;

Please amend the paragraph on page 19, line 24, to line 26, as follows:

Figure 25(B) is a view illustrating an example using a fixed reflecting mirror as an optical element, for an example of an optical switch according to the an eighth embodiment;

Please amend the paragraph on page 20, line 10, to line 12, as follows:

Figure 29 is a view illustrating an optical switch (example using a concave mirror as an optical element) of the a sixth embodiment;

Please amend the paragraph on page 20, line 13, to line 15, as follows:

Figure 30 is a view illustrating an optical switch (example using a hologram as an optical element) of the a sixth embodiment;

Please amend the paragraph on page 21, line 7, to line 9, as follows:

Figure 36(A) is a view given in explanation of the operation in an optical switch prior to effecting an improvement according to the ~~an~~ eighth embodiment;

Please amend the paragraph on page 21, line 13, to line 15, as follows:

Figure 37 is a view, given in explanation of the operation of the eighth embodiment, of a construction using a relay lens as an optical element;

Please amend the paragraph on page 21, line 16, to line 18, as follows:

Figure 38 is a view illustrating the operation of a lens system in the case where a convex lens is inserted; according to the eighth embodiment;

Please amend the paragraph on page 21, line 19, to line 20, as follows:

Figure 39 is a view illustrating an example construction of an optical switch according to a ~~an~~ ninth embodiment;